



STIC Search Report

EIC 3700

STIC Database Tracking Number 154786

TO: Patricia Martin
Location: RND 8a40
Art Unit: 3700
Friday, May 27, 2005

Case Serial Number: 10798251

From: Terry Solomon
Location: EIC 3700
RND 8b31
Phone: 272-4240

terrance.solomon@uspto.gov

Search Notes

No current or past litigation found involving US pat. 6354196.

Sources:

Lexis/Nexis
Questel-Orbit

889672 (09) 6354196 March 12, 2002

Time of Request: May 27, 2005 02:04 PM EDT

Research Information:

Utility, Design and Plant Patents
patno=6354196

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6354196

March 12, 2002

Apparatus for gas treatment of products

REISSUE: March 11, 2004 - Reissue Application filed Ex. Gp.: 1761; Re. S.N. 10/798,251 (O.G. June 15, 2004)

APPL-NO: 889672 (09)

FILED-DATE: July 19, 2001

GRANTED-DATE: March 12, 2002

ASSIGNEE-AT-ISSUE: Frigoscandia Equipment A/S, HelsingBorg, Sweden (SE), 03

ASSIGNEE-AFTER-ISSUE: September 27, 2001 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS), FRIGOSCANDIA EQUIPMENT AB BOX 913 SE- 251 09 HELSINBORG SWEDEN, Reel and Frame Number: 12201/0001

LEGAL-REP: Browdy and Neimark

Selected file: PLUSPAT
PLUSPAT - (c) Questel-Orbit, All Rights Reserved.
Comprehensive Worldwide Patents database

**** SS 1: Results 1**
PRT SS 1 MAX 1 LEGALALL

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image

Patent Number :

US6354196 B1 20020312 [US6354196]

Title :

(B1) Apparatus for gas treatment of products

Patent Assignee :

(B1) FRIGOSCANDIA EQUIPMENT AS (SE)

Patent Assignee :

Frigoscandia Equipment A/S, Helsingborg [SE]

Inventor(s) :

(B1) BLIXT PER (SE); MALMBERG JONNY (SE); WILSON RICK (US); HOCKER
JON A (US)

Application Nbr :

US88967201 20010719 [2001US-0889672]

Filing Details :

PCT/SE00/00110 20000120 [2000WO-SE00110]

WO00/42869 20000727 [WO200042869]

Priority Details :

SE9900166 19990120 [1999SE-0000166]

WOSE0000110 20000120 [2000WO-SE00110]

Intl Patent Class :

(B1) A23L-001/00 A23L-001/01 A23L-003/36 F25D-003/11 F25D-023/02

EPO ECLA Class :

A23L-003/18

A23L-003/18D

A23L-003/3409

A23L-003/3409B

A23L-003/3418

A23L-003/3445

A23L-003/36

A23L-003/36D

A23L-003/36D2

A23L-003/40

F26B-017/04

F26B-021/02

F26B-025/12

US Patent Class :

ORIGINAL (O) : 099443000C; CROSS-REFERENCE (X) : 099386000 099476000

099477000 126021000A

Document Type :

Corresponding document

Citations :

US1817875; US3813895; US3908533; US3991737; US4368664; US4478141;

US4576090; US4679542; US4779524; US4831238; US4873107; US4909430;

US4951648; US4986174; US5231920; US5408921; EP0249323

Publication Stage :

(B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001

Abstract :

An apparatus for gas treatment of products rises a housing having top, bottom and side walls; a conveyor belt for transporting the products along a first path in the housing; a tunnel having perforated walls and enclosing the conveyor belt along the first path; a gas circulation device communicating with the tunnel via the perforated walls for circulating gas into the tunnel in the form of gas jets impinging upon the products carried by the conveyor belt, and out of the tunnel in a return channel back to the gas circulation device; and a gas

conditioning device positioned in the return channel. At least one substantially vertical part of the connecting walls of the high-pressure chamber is removable so as to provide access to the inside of the pressure chamber, and at least one of the side walls of the housing along the high-pressure chamber may be movable so as to widen the space between at least one wall and the high-pressure chamber.

Update Code :

2002-12

1 / 1 LGST - ©EPO

Patent Number :

US6354196 B1 20020312 [US6354196]

Application Number :

US88967201 20010719 [2001US-0889672]

Action Taken :

20010927 US/AS-A

ASSIGNMENT

OWNER: FRIGOSCANDIA EQUIPMENT AB BOX 913 SE-251 09 HELSIN; EFFECTIVE

DATE: 20010607

ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:MALMBERG, JONNY;BLIXT,

PER;HOCKER, JON A.;AND OTHERS;REEL/FRAME:012201/0001

20040615 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20040311

Update Code :

2004-37

1 / 1 CRXX - ©CLAIMS/RRX

Patent Number :

6,354,196 A 20020312 [US6354196]

Patent Assignee :

Frigoscandia Equipment A S SE

Actions :

20040311 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20040615

REISSUE REQUEST NUMBER: 10/798251

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1761

Reissue Patent Number:

Session finished: 27 MAY 2005 Time 20:42:45

QUESTEL.ORBIT thanks you. Hope to hear from you again soon.